

TELEHEALTH & E-CARE REIMBURSEMENT

• Outcomes data

Patient & Practice

Mgt Services

• Algorithms

• Best Practices

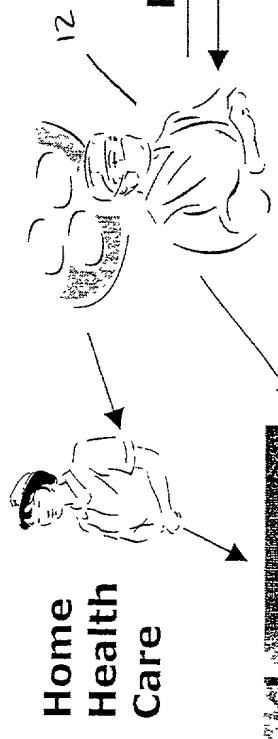
• Practice Profitability

• Referral Physicians

• Local Follow Up

Physicians

• Education



Home Health Care

12

Prescription Chg

Information

Problems?

Device & Physiologic Data

Response
• E Visits & Consults

18



14

Monitor:
• Sales Trends
• System Complications

16

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MDD Com Data Base

Information

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Internet Dashboard “Portal”

The screenshot displays the Medtronic Internet Dashboard "Portal".

PRIORITY
HEALTHCARE CORPORATION

Patient Reminders in the next [5 days] is 17

Place new prescription
Track status of prescription
Patient prescription history

Read This!

Medtronic

Guy Bristow authenticated
THERAPY SUPPORT SERVICES

Dashboard • Suite 2 • Personalize • Maintenance • Login • Logout

Medtronic Device Registration System

Lookup patient in registry: Go

Register a new implant
Update registry information
Ad-Hoc Query and Report

Pump Practice Management Support

[patient] [expect alarm-date] [recommend]
[patient] [expect alarm-date] [recommend]
[patient] [expect alarm-date] [recommend]

Search: Go

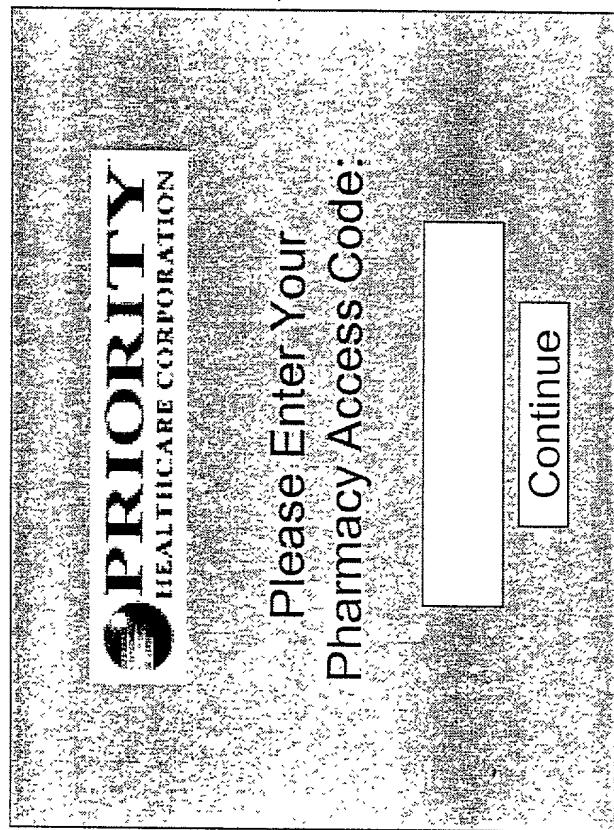
Therapy Specific Literature/Materials

Scientific American Medicine
Medical Journals
Clinical Pharmacology
Expert Interviews

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Fig 2

Fig 3



RX Reminders - Full Screen



Patient Prescription Reminders

Patient Rx scheduled but not placed

You have 17 patient prescriptions due within the next 5 days.

[Add New Patient+Reminder](#)

Patient Name Last RX Re-Order Due

Patient Name	Last RX	Re-Order Due	Patient Profile	Rx
Jane Doe	01-Nov-2000	28-Dec-2000	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
John Roe	15-Oct-2000	28-Dec-2000	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
Michael Patient	17-Nov-2000	30-Dec-2000	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
Jack Smith	03-Sep-2000	31-Dec-2000	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
Mary Smyth	01-Dec-2000	01-Jan-2001	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>

54 Fig 4

Add Patient-Reminder



Add Patient Prescription Reminder

Select Patient: (Last-name, First-name)

Patient Name	Last Rx	Next Rx	View/Edit
John Doe	28-Dec-2000	<input type="button" value="Calendar"/>	<input type="button" value="Patient Profile"/> S/1 J/1

<input type="button" value="Rx Reminders"/> S/2	<input type="button" value="Place New Rx"/> 4/8	<input type="button" value="Track Rx Status"/> Fig 5	<input type="button" value="Patient History"/> 4/8
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Confirm Patient-Reminder



Confirm Patient Prescription Reminder

Reminder has been scheduled. Click Submit to continue or Calendar to change.

Patient Name	Last Rx	Next Rx	Change
John Doe	28-Dec-2000	30-Jan-2001	<input type="button" value="Calendar"/>

46 Fig 6 48 49

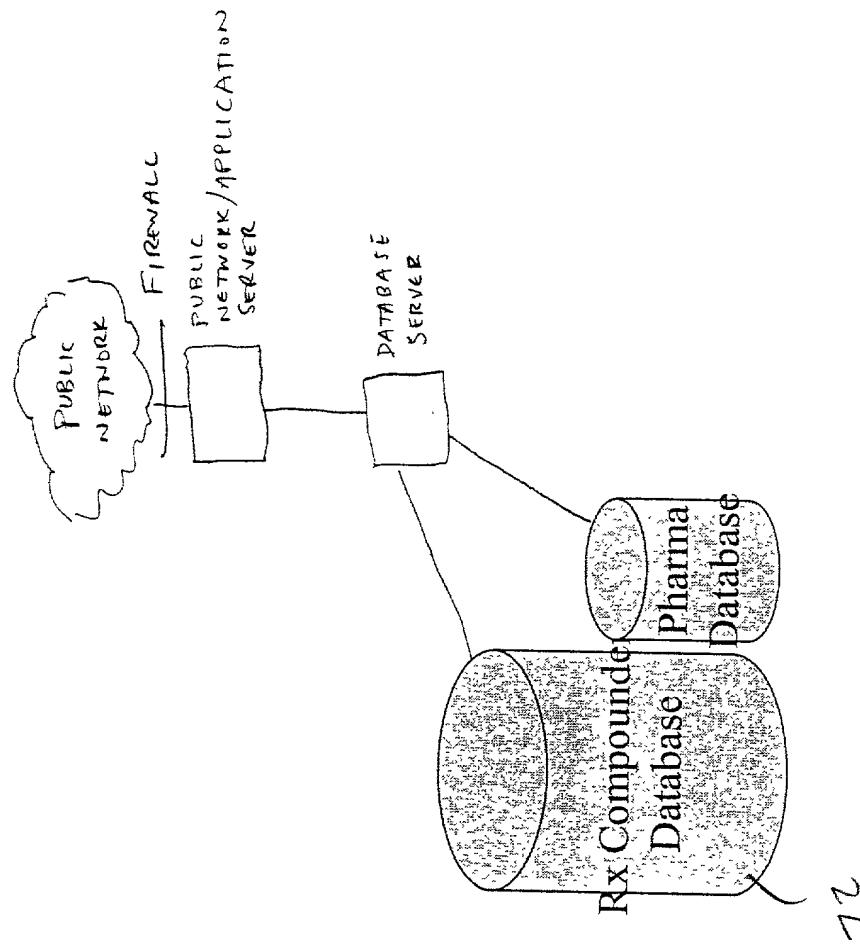
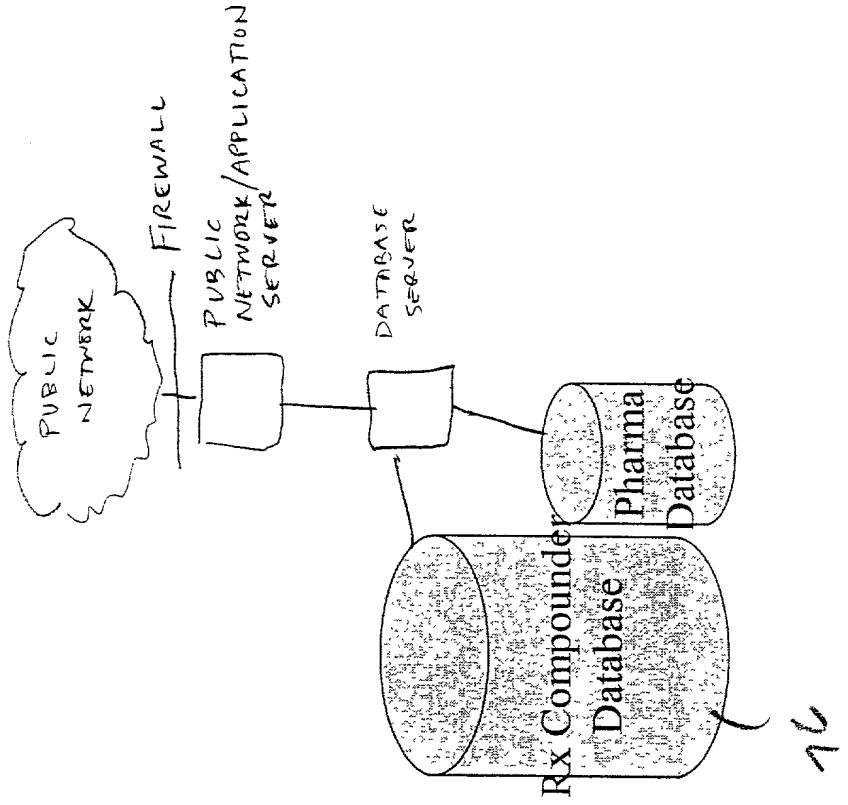


Fig 7



F16 8

Order Prescription - Full Screen



Order New Prescription

Select Patient:

Search (Last-name, First-name)

Add New Patient+Prescription -

Patient Name	ID	Actions		
Jane Doe	0823	<input type="button" value="Rx History"/>	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
John Roe	0488	<input type="button" value="Rx History"/>	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
Michael Patient	0787	<input type="button" value="Rx History"/>	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
Jack Smith	0123	<input type="button" value="Rx History"/>	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>
Mary Smythe	0333	<input type="button" value="Rx History"/>	<input type="button" value="Patient Profile"/>	<input type="button" value="Rx"/>

46 Fig 9 1/8 49 49

Select Proxy and Pump (1)



Prescription-Referral Information

Patient Selected is John Q. Roe (DOB: 1-Jan-1956, SSN 123-45-6789)

Authorizing Physician

Jonathan Doctor, M.D
John Doe

Current User

Jane M. Doe, R.N.
Jane Doe

Pump Refill?

Yes No
Yes

Model

8627L18
8627L18

Need Refill Kit?

Yes No
No

File

Cancel

Continue

File 1003 1003 1003

Order Prescription (2)



Prescription-Referral Information

Patient Selected is John Q. Roe (DOB. 1-Jan-1956, SSN. 123-45-6789)

Primary Diagnosis	ICD9 Code	Actions
Neuropathic back pain, L2 area injury	XYZ	<input type="button" value="Update"/>
Allergies		Update
Sensitive to Thimerisol based preservatives		
Height	Weight	Notes
170 cm.	137 lbs.	None <input type="button" value="Update"/>
		<input type="button" value="Continue"/>
	<input type="button" value="Cancel"/>	
	<input type="button" value="Go Back"/>	

100\ 1103 1100\\$ 100\\$

Multiple Drug Calculator (3)



Prescription-Referral Information

Patient Selected is John Q. Roe (DOB: 1-Jan-1956, SSN: 123-45-6789)

Help for: Method 1

Method 2 Method 3

[Switch to Manual RX](#)

Method 2

Refill Interval in Days (1-180)	Fill Volume in ml (0.1-18.0)	Daily Dose (0-1000.0)
Drug Name	Concentration (0-1000.0)	
Drug 1	ml	ml
Drug 2	ml	ml
Drug 3	ml	ml
Drug 4	ml	ml
<input type="button" value="Calculate Concentration(s)"/>	<input type="button" value="Calculate Daily Dose(s)"/>	<input type="button" value="Calculate Refill Interval"/>

Go Back Cancel Continue

Method 3
1003 F16 12 100 \$

Manual RX Form (3-Alt.)



Prescription-Referral Information

Patient Selected is John Q. Roe (DOB. 1-Jan-1956, SSN. 123-45-6789)

Medication	Concentration (mg or mcg/ml)	Daily Dose (mg or mcg/day)
1. Infumorph	25 mg/ml	1.5 ul/day
2.		
3.		
4.		
Syringe volume (typically 10 or 20 ml):	20 ml	13cc
Fixed delivery rate or current programmed rate:	2 ml/day	13cc

100%
116 13
100%

Set Delivery-Shipping (4)



Prescription Shipping Information

Patient Selected is John Q. Roe (DOB. 1-Jan-1956, SSN. 123-45-6789)

Bill To:

- 1401 Insurance/3rd Party Doctor Patient Other:

Ship To Location:

- 1402 Doctor's Office Hospital Pharmacy Clinic

Delivery Date:

1403 By 10:30 AM

Next Refill Date:

1404 Calendar

1405

1406

1407

1408

Order Prescription (Confirm)



Prescription-Referral Confirmation

Patient Selected is John Q. Roe (DOB. 1-Jan-1956, SSN. 123-45-6789)

Section	Action
Physician (proxy) Information	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Review <input type="checkbox"/> Reject
Patient Information	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Review <input type="checkbox"/> Reject
Insurance (billing) Information	<input type="checkbox"/> Review <input checked="" type="checkbox"/> OK <input type="checkbox"/> Reject
Medical (Rx) Information	<input type="checkbox"/> Review <input checked="" type="checkbox"/> OK <input type="checkbox"/> Reject
Pump Information	<input type="checkbox"/> Review <input checked="" type="checkbox"/> OK <input type="checkbox"/> Reject
Shipping Information	<input type="checkbox"/> Review <input checked="" type="checkbox"/> OK <input type="checkbox"/> Reject

Go Back

Cancel

Commit Order

100% FILED 15 / 504

Order Prescription Fax Form

Print ? X

Printer: HP LaserJet 8100 Series PCL 6

Name: HP LaserJet 8100 Series PCL 6

Status: Idle

Type: HP LaserJet 8100 Series PCL 6

Where: Wmspcorp15\WH_N2_PQ76_8100

Comment:

Properties Print to file

Page range: All Current page Selection Pages:
Enter page numbers and/or page ranges separated by commas. For example, 1,3,5-12

Copies Number of copies: 1

Zoom Pages per sheet: 1 page

Print what: Document All pages in range Options... Scale to paper size: No Scaling

Print: OK Cancel

Fig 16

Track Prescription Status



Check Prescription Status

You have 29 prescriptions shipped in last 30 days.
5 are awaiting verification, 10 are in-process (production/shipping).

Patient Name	Rx #	Date Needed	Rx Status	eMail
Jane Doe	723572	28-Dec-2000	Received	Inquire
John Roe	245938	28-Dec-2000	Verified	Inquire
Michael Patient	846724	30-Dec-2000	Production	Inquire
Jack Smith	123321	31-Dec-2000	Shipped	Inquire
Mary Smythe	772324	01-Jan-2001	Delivered	Inquire

Patient History

Track Rx Status

Place New Rx

Rx Reminders

46 F16 17 43 49

Patient History - Full Screen



Patient History, Charts, Reports

Select Patient:

(Last-name, First-name)

Patient Name	ID	Pharmacy	Medtronic
Jane Doe	0823	History Chart	<input type="checkbox"/> Print Report <input type="checkbox"/> Pump Info.
Michael Patient	0488	History Chart	<input type="checkbox"/> Print Report <input type="checkbox"/> Pump Info.
Mary Roe	0787	History Chart	<input type="checkbox"/> Print Report <input type="checkbox"/> Pump Info.
Jack Smith	0123	History Chart	<input type="checkbox"/> Print Report <input type="checkbox"/> Pump Info.
Mary Smyth	0333	History Chart	<input type="checkbox"/> Print Report <input type="checkbox"/> Pump Info.

45 1302 18 1304 18 1301

Patient History Display (1)



HEALTHCARE CORPORATION

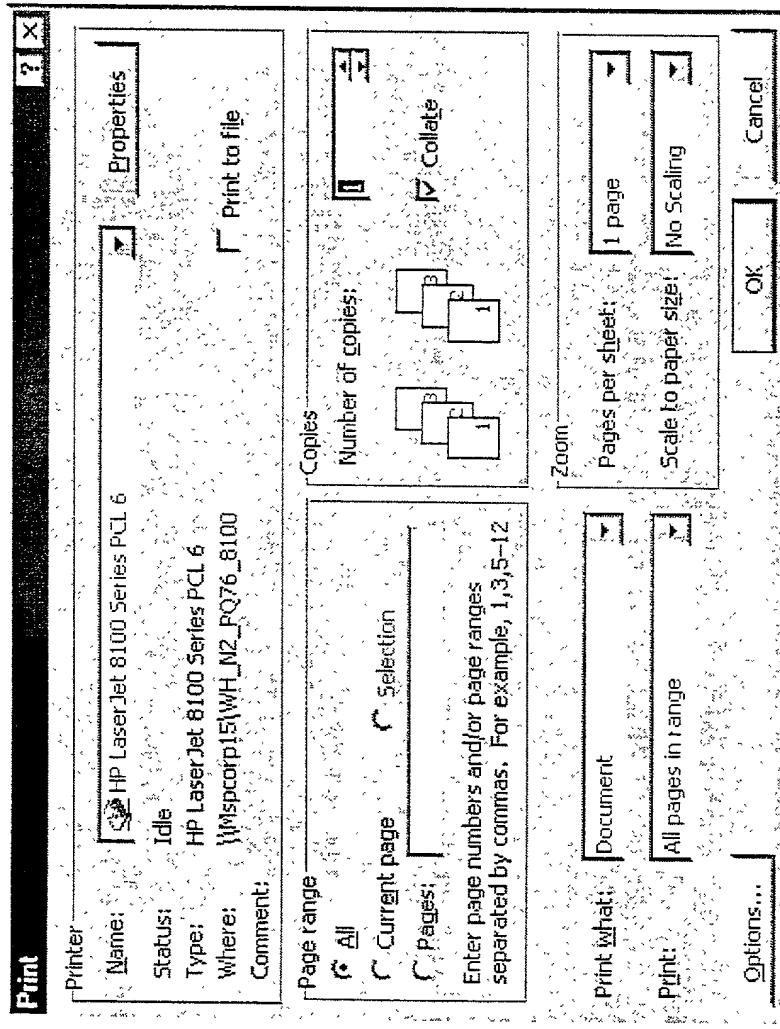
Patient History

Patient Selected is John Q. Roe (DOB. 1-Jan-1956, SSN. 123-45-6789)

Patient Name	Rx #	Rx Date	Physician	Daily Rate
John Q. Roe	234198	20-May-2000	Jonathan Doctor	12 ul
John Q. Roe	437634	14-Jul-2000	Allen Clinician	12 ul
John Q. Roe	723572	15-Sep-2000	Allen Clinician	15 ul
John Q. Roe	837437	12-Nov-2000	Allen Clinician	17 ul
John Q. Roe	876523	13-Jan-2001	Allen Clinician	23 ul

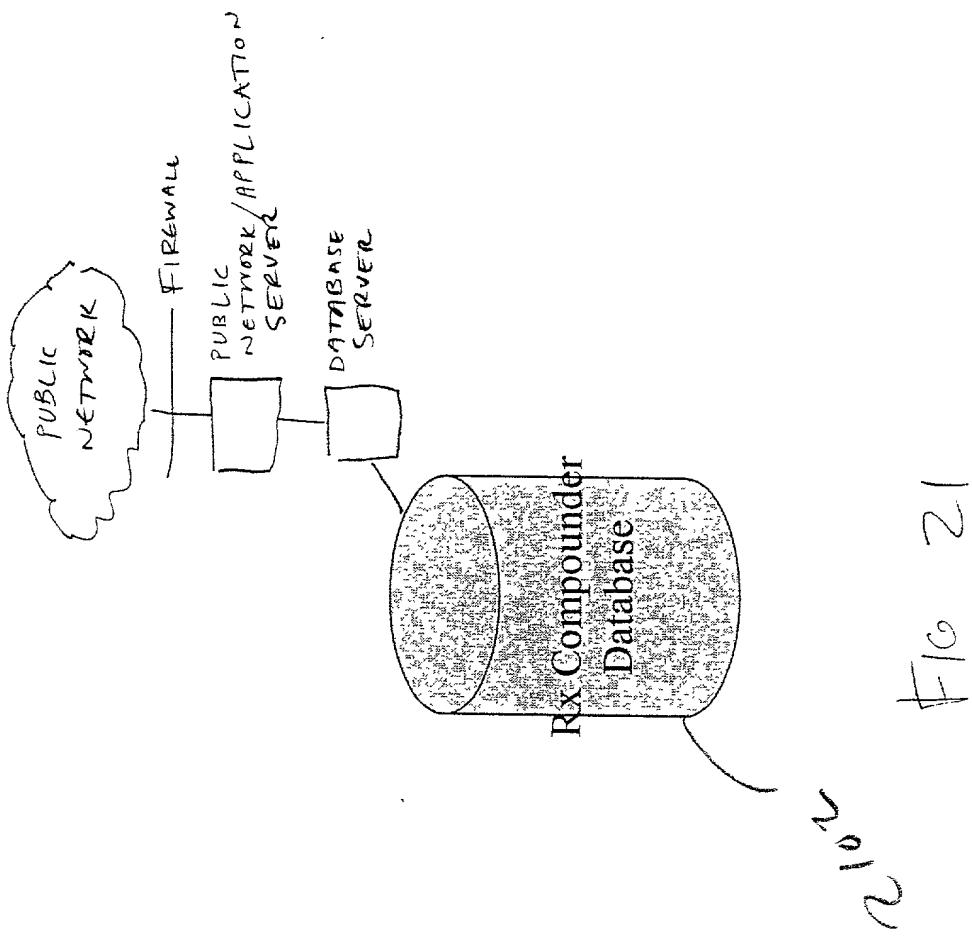
Fig 19 43
LJ 11

Patient History Print Report (2)



F16 20

IT DESIGN IN A SANDBOX



Patient Information (1) (Registration)



Patient Registration (Part 1 of 4) Create new patient profile

* Patient Name:	<input type="text"/>	ID: New
Street Address:	<input type="text"/>	(*** back-filled from DRS when available)
City:	<input type="text"/>	(***)
Street Address:	<input type="text"/>	(***)
State:	<input type="text"/>	Zip Code: <input type="text"/> (***)
Daytime Phone:	<input type="text"/> AAA-PPP-NNNN	Evening Phone: <input type="text"/> AAA-PPP-NNNN
* Date of Birth:	<input type="text"/> DD-MMM-YYYY	* Social Security No: <input type="text"/> NNN-NN-NNNN
<input type="button" value="Go Back"/> <input type="button" value="Cancel"/> <input type="button" value="Continue"/>		1005 1005 File 22

1005
1005 File 22
1005

Lookup Patient in database

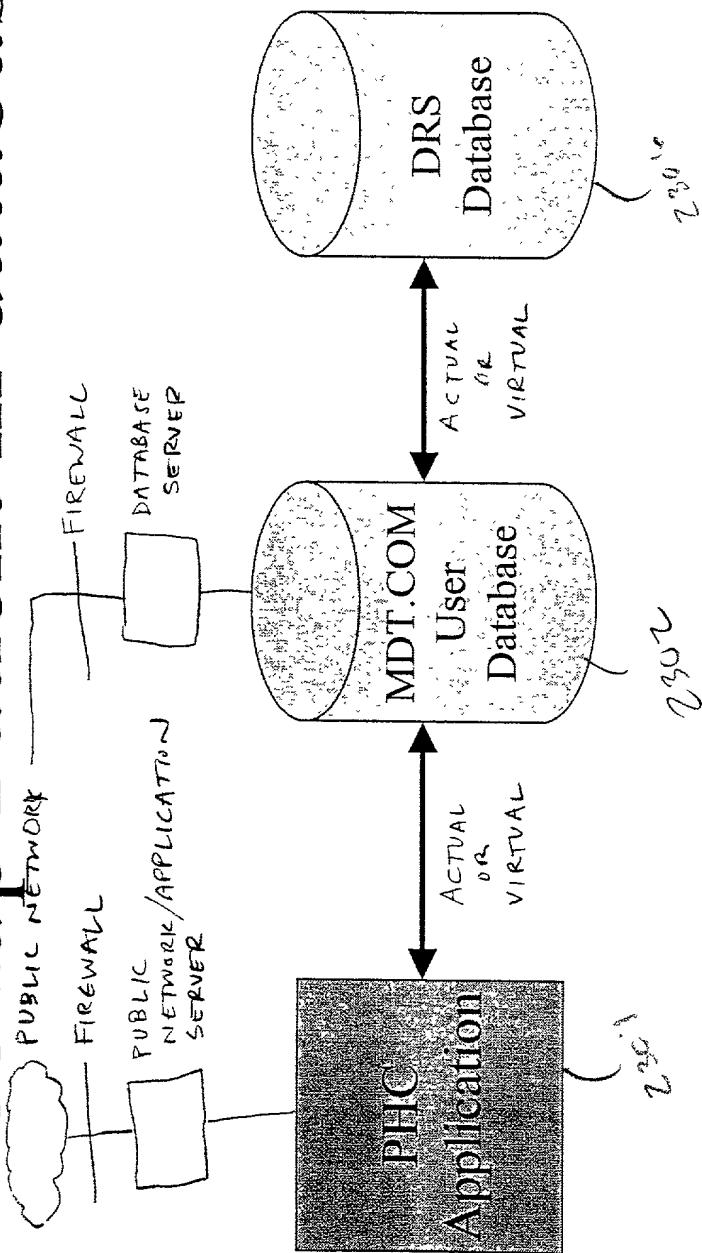


Fig 23

Patient Information (2) (Registration)



Patient Registration (Part 2 of 4)

Patient emergency contact and medical information

Patient Name: New A. Patient

ID: 523

Emergency Contact:

Relationship:

Phone:

Allergies:

Height: cm

Weight:

Primary Diagnosis: (pre-filled from DRS when available)

ICD9 Code: Notes:

Go Back Cancel Continue

1001 F16 24
1005

Patient Insurance (3) (Registration)



Patient Registration (Part 3 of 4) Patient Insurance Information

Primary Secondary Tertiary

Patient Name:	New A. Patient	ID:	523
Insured Name:			
Relationship:			
Insured SSN:			
Insurance Company:			
Insurance Phone:			
Group Number:	<input type="text"/>	Notes:	<input type="text"/>
<input type="checkbox"/> Go Back <input type="checkbox"/> Cancel <input type="checkbox"/> Continue			

101 103 F16 25 100S
100S

Medical Devices (4) (Registration)



Patient Registration (Part 4 of 4) Patient medical devices – Drug Pump

Patient Name: New A. Patient

Infusion Pump: Yes No

Manufacturer: _____ (***)

Brand: _____

Model No: _____ (***)

Implant Date: _____ (***)

Reservoir Volume: _____ (parsed) ml

Notes: _____

ID: 523

{ 1001 1003 F10 26 1005 }

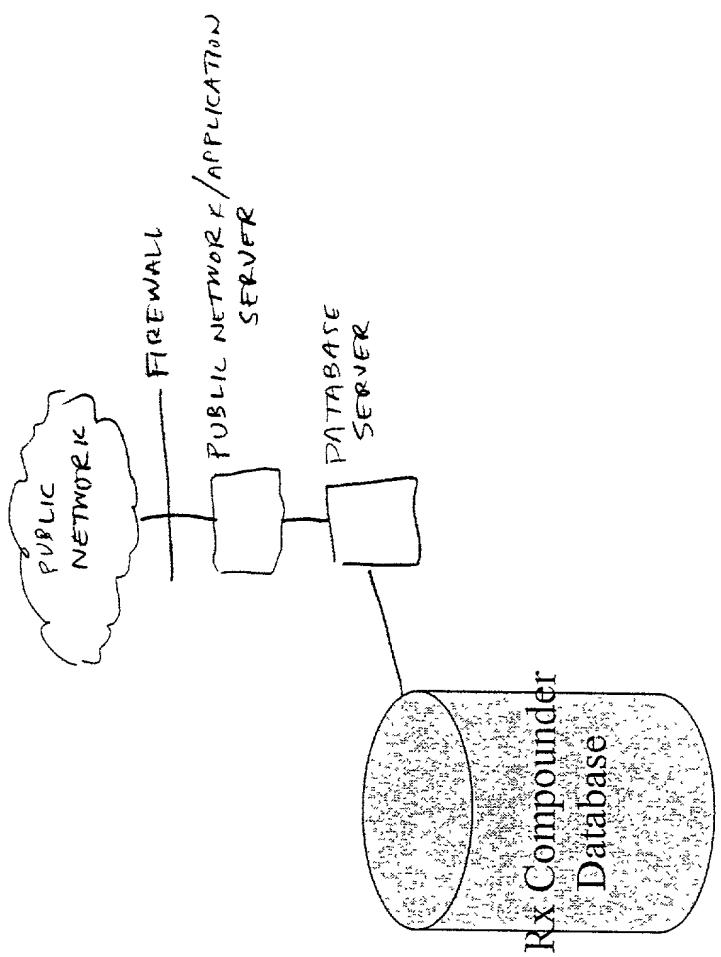


FIG. 27

 PRIORITY HEALTHCARE CORPORATION	<p>Please select Patient:</p> <p><input type="radio"/> Jack Smith (SSN 123-45-6789) <input type="radio"/> Mary Smith (SSN 987-65-4321)</p>
---	--

F16 28

Multiple Drug Calculation System V0.4

The information can be calculated using three different methods.

Method 1: Enter the desired Refill Interval, Fill Volume, Drug Concentration Units and Daily Dose(s). Then select [Calculate Concentrations].

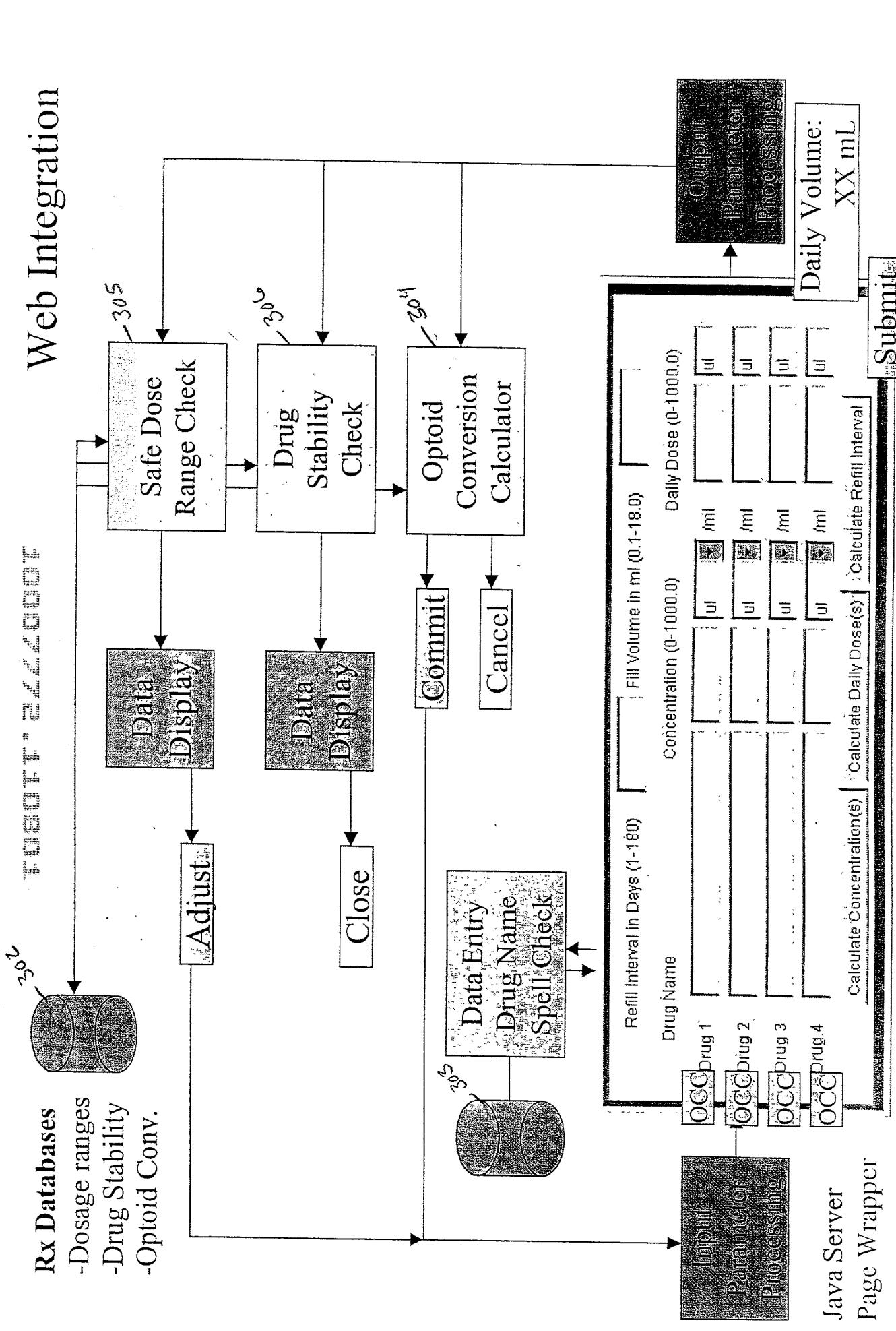
Method 2: Enter the desired Refill Interval, Fill Volume, Drug Concentration Units and Concentration(s). Then select [Calculate Daily Dose].

Method 3: Enter the desired Fill Volume. Then for Drug 1 select the Drug Concentration Units, Concentration and Daily Dose. Next, select [Calculate Refill Interval].

Refill Interval in Days.(1-180)	<input type="text"/>	Fill Volume in ml (0.1-18.0)	<input type="text"/>
Drug Name	Concentration (0-1000.0)	Daily Dose (0-1000.0)	
Drug 1	<input type="text"/>	<input type="text"/> ul <input checked="" type="checkbox"/> /ml	<input type="text"/> ul
Drug 2	<input type="text"/>	<input type="text"/> ul <input checked="" type="checkbox"/> /ml	<input type="text"/> ul
Drug 3	<input type="text"/>	<input type="text"/> ul <input checked="" type="checkbox"/> /ml	<input type="text"/> ul
Drug 4	<input type="text"/>	<input type="text"/> ul <input checked="" type="checkbox"/> /ml	<input type="text"/> ul
<input type="button" value="Calculate Concentration(s)"/>		<input type="button" value="Calculate Daily Dose(s)"/>	<input type="button" value="Calculate Refill Interval"/>

FIGURE 29

Web Integration



ReFill Interval Calculation

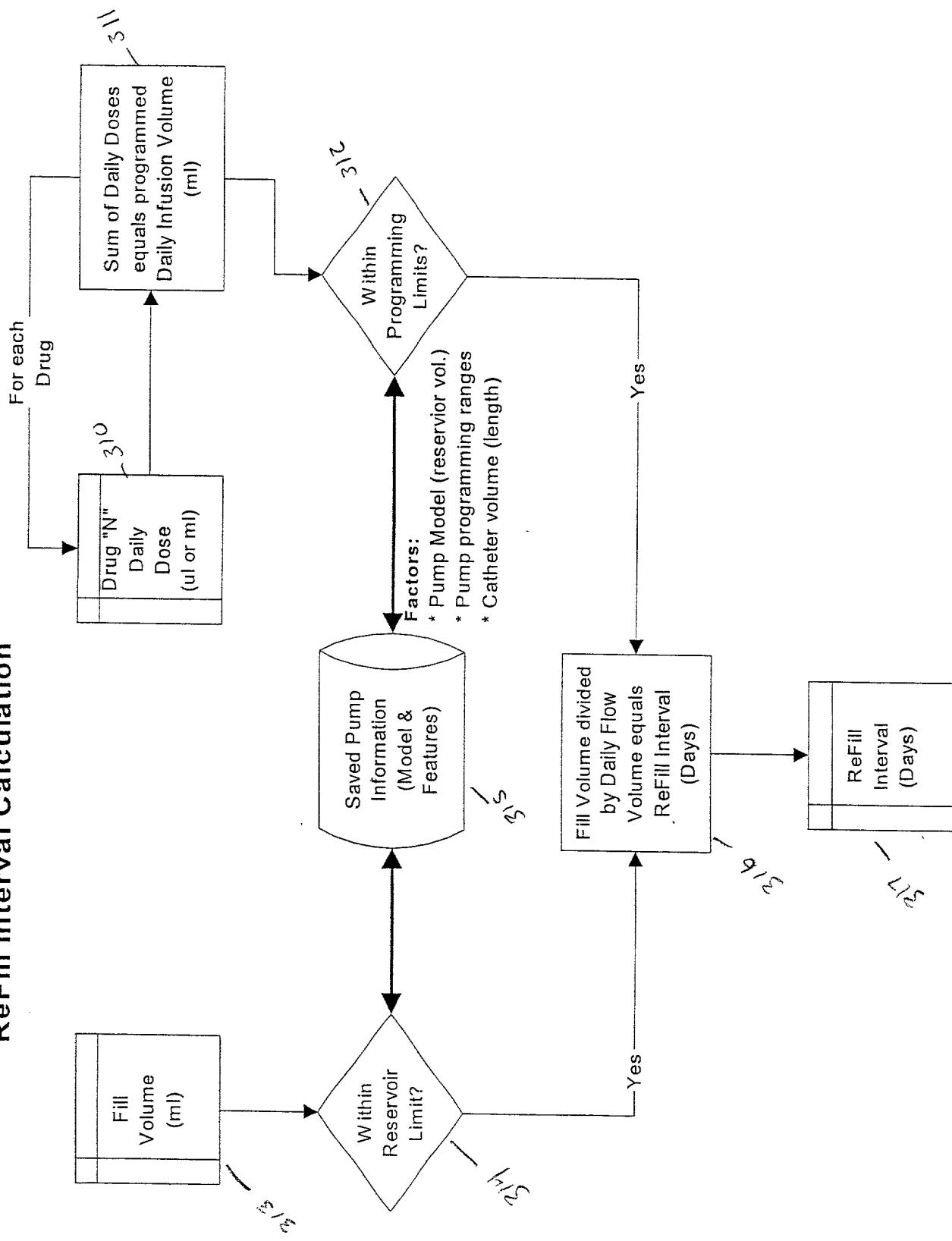


Figure 31

Safe Dosage Range Check

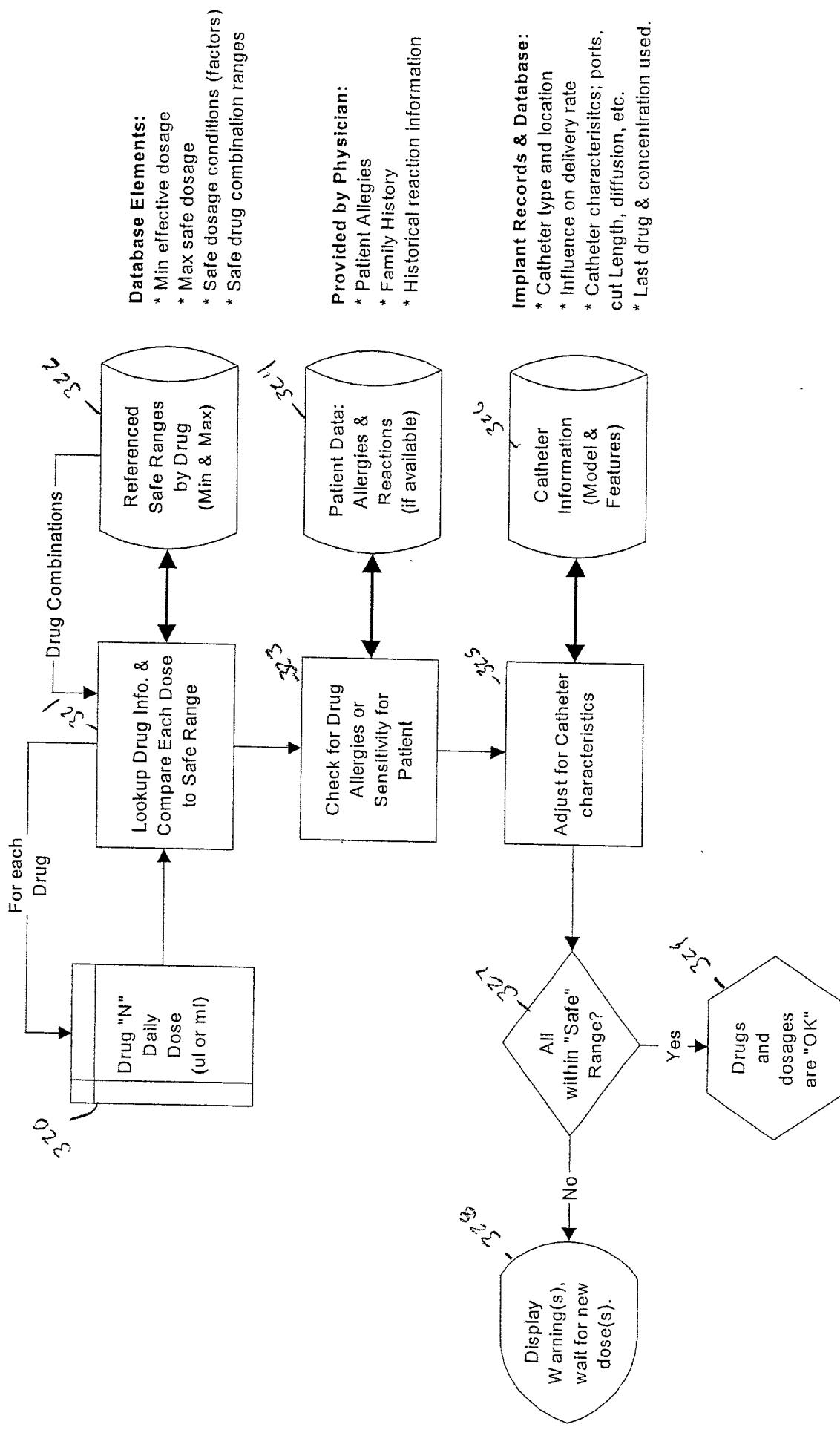
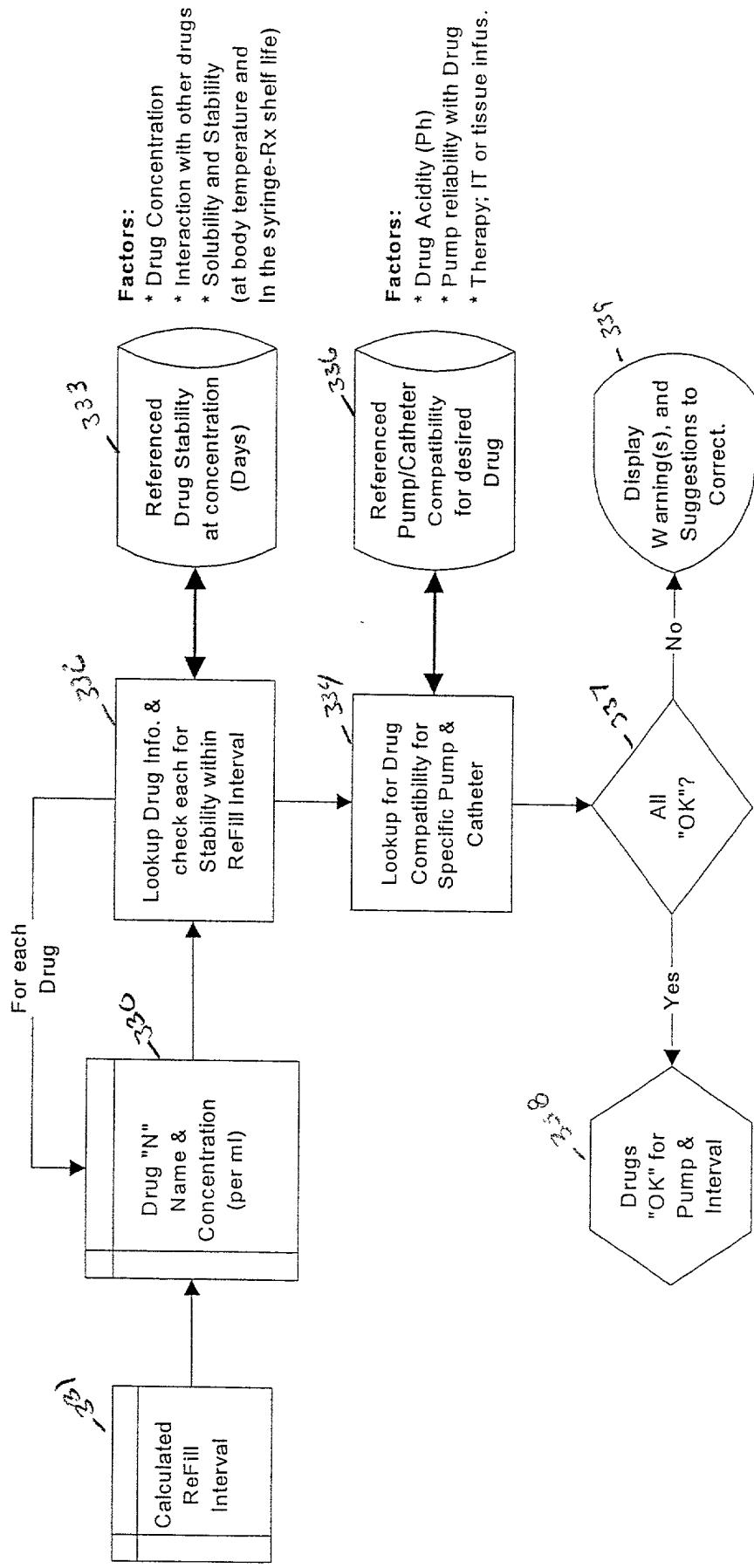


Figure 32

Drug Stability/Compatibility Check



10/14/13